WE CLAIM AS OUR INVENTION:

1. A medical system architecture comprising:

a modality for acquiring examination images;

a workstation selected from the group of workstations consisting of workstations for acquiring said examination images, workstations for sending said examination image, and workstations for receiving said examination images;

a system connected to said workstation for transmitting said examination images to at least one location remote from said workstation; and

a call system allocated to said workstation for transmitting messages to a remote location.

2. A medical system architecture as claimed in claim 1 wherein said workstation also processes data associated with said examination images, and further comprising a memory connected to said system which stores said data and said examination images in allocated fashion.

3. A medical system architecture as claimed in claim 1 wherein said call system allows manually modifiable entries of auxiliary information to ensue automatically from object types stored in a data bank.

4. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a mobile communication device.

5. A medical system architecture as claimed in claim 4 wherein said user front end is integrated in an application at said workstation.

6. A medical system architecture as claimed in claim 4 wherein said communication services comprises a communication server and a communication system.

7. A medical system architecture as claimed in claim 1 wherein said call system allows a manually modifiable entry of a message recipient to ensue automatically in said message.

8. A medical system architecture as claimed in claim 1 wherein said call system allows a manually modifiable entry of a current patient, being examined with said modality, to ensue automatically in said message.

9. A medical system architecture as claimed in claim 1 wherein said call system allows a manually modifiable entry of a current procedure being executed by said modality to ensue automatically in said message.

10. A medical system architecture as claimed in claim 1 wherein said call system allows entry of an arbitrary text as specific auxiliary information in said message.

11. A medical system architecture as claimed in claim 1 wherein said call system comprises a mobile communication device with a display.

12. A medical system architecture as claimed in claim 11 wherein said call system includes a voice input unit at said workstation allowing a voice input to be transmitted to said communication device as an audio data file, and wherein said communication device comprises an audio transducer allowing emission of said voice input at said communication device.

13. A medical system architecture as claimed in claim 1 wherein said workstation has a monitor on which said examination images are displayed, and wherein said call system is connected to said workstation to cause a communication window to be overlaid on said examination images at said monitor.

14. A medical system architecture as claimed in claim 1 wherein said call system comprises a mobile communication device with a display and an information return channel from said communication device to said workstation allowing information to be transmitted from said communication device to said workstation.

15. A medical system architecture as claimed in claim 14 wherein said communication device transmits a confirmation of receipt of said message to said workstation after said message has been read at said communication device.

16. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a mobile communication device, and wherein said workstation communicates with said communication service via Corba technology.

17. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a mobile communication device, and wherein said workstation communicates with said communication service via Instant Messaging technology.

18. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a mobile communication device, and wherein said workstation communicates with said communication service via Java Enterprise Beans technology.

19. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a mobile communication device, and wherein said user front end comprises a Java applet in a browser.

20. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a WAP cell phone.

21. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a SAS cell phone.

22. A medical system architecture as claimed in claim 1 wherein said call system comprises a user front end, a communication service and a beeper with a display.